

FIG. 1  
PRIOR ART

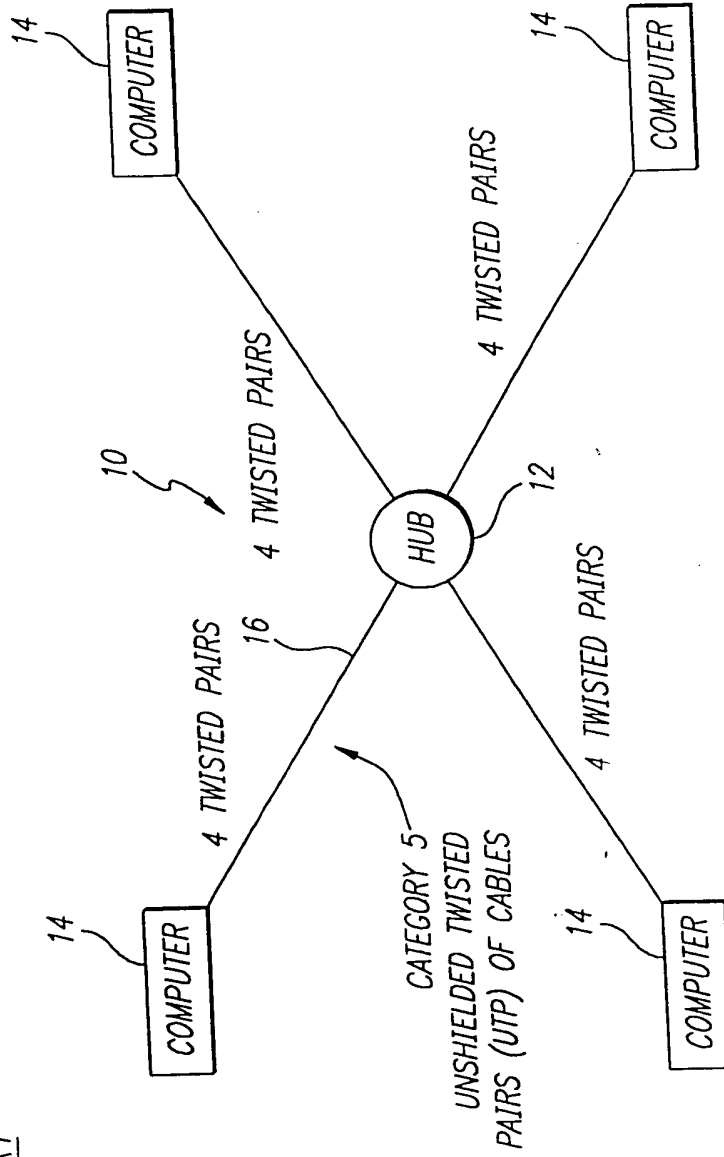
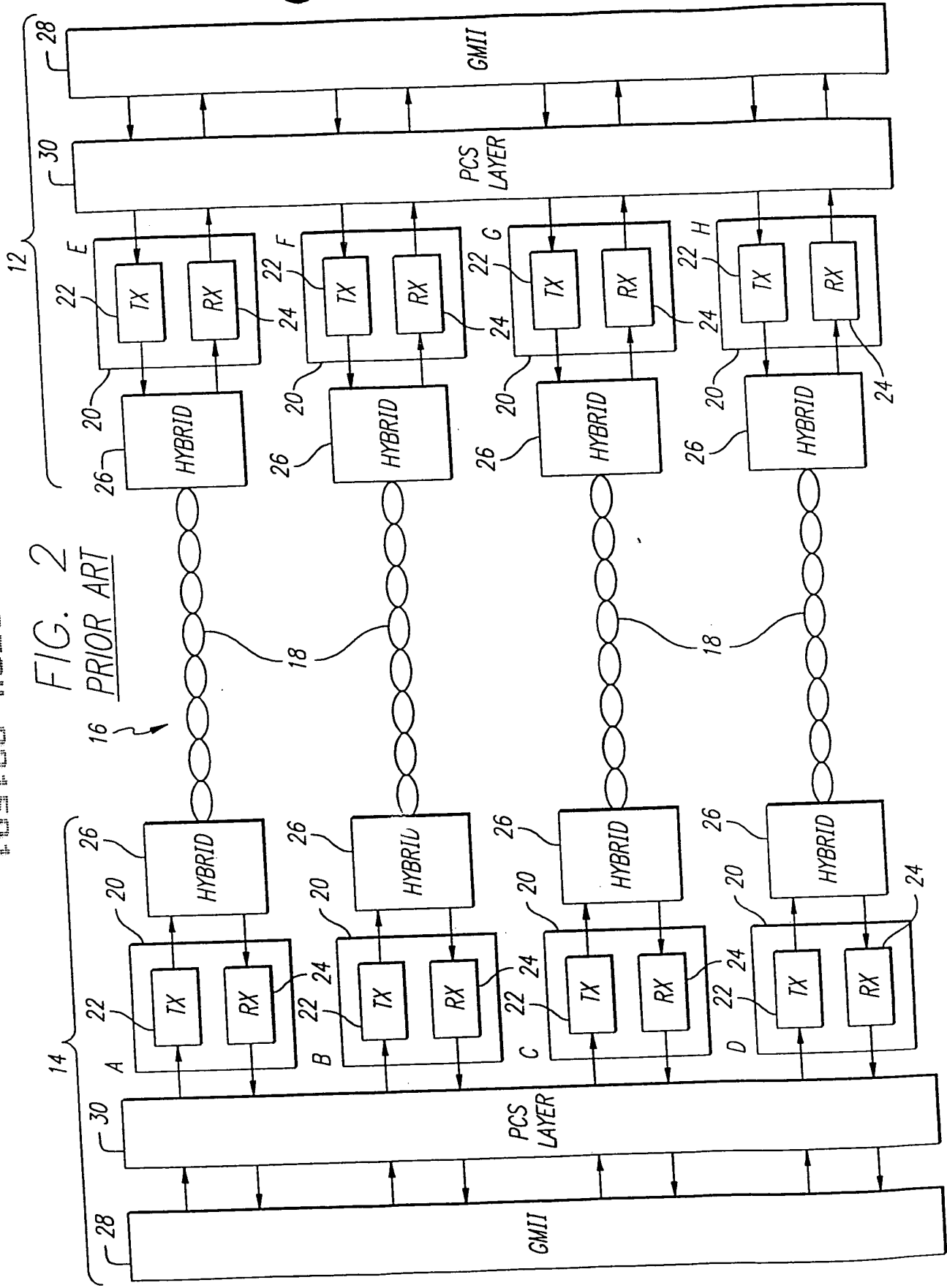
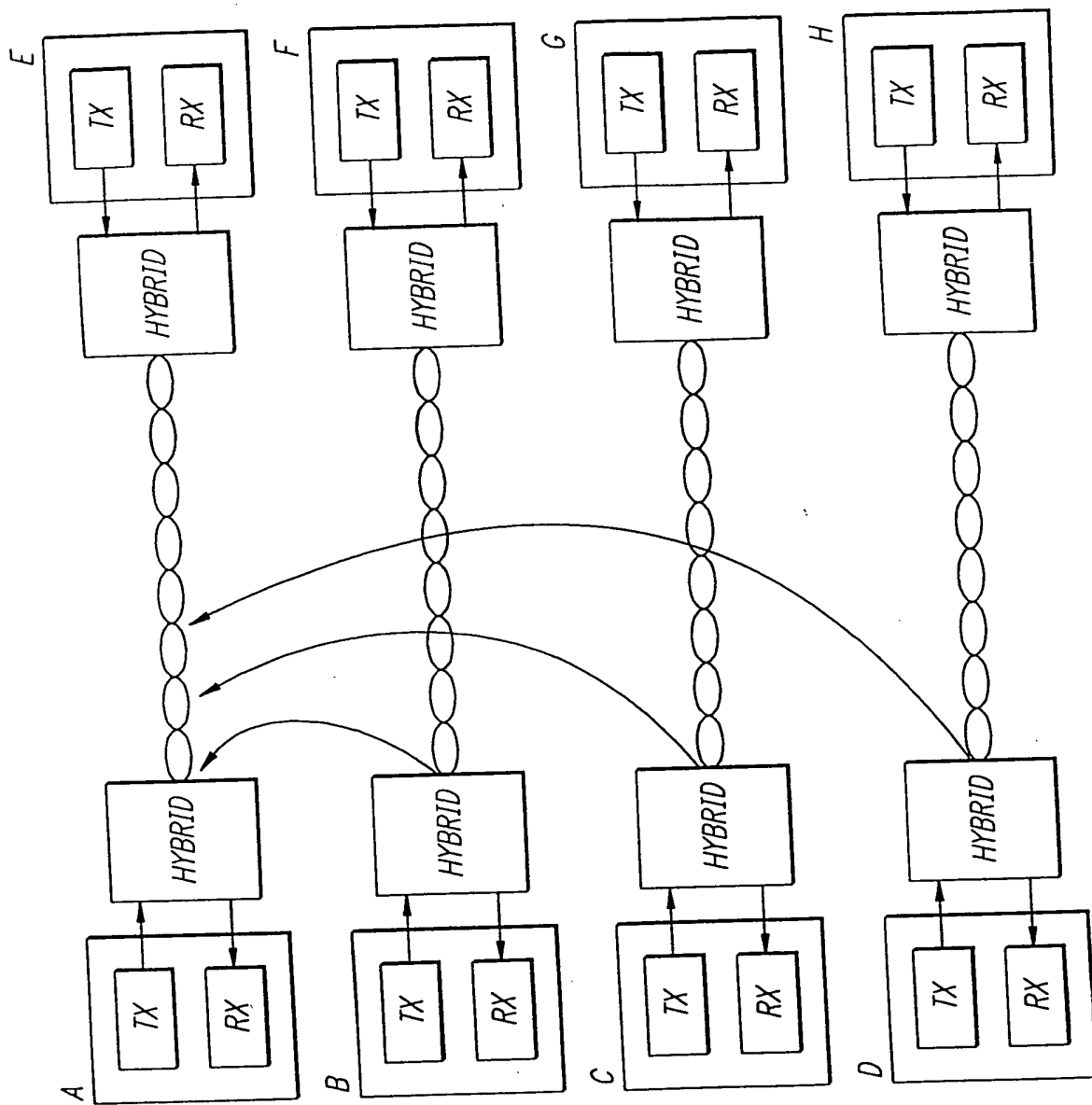
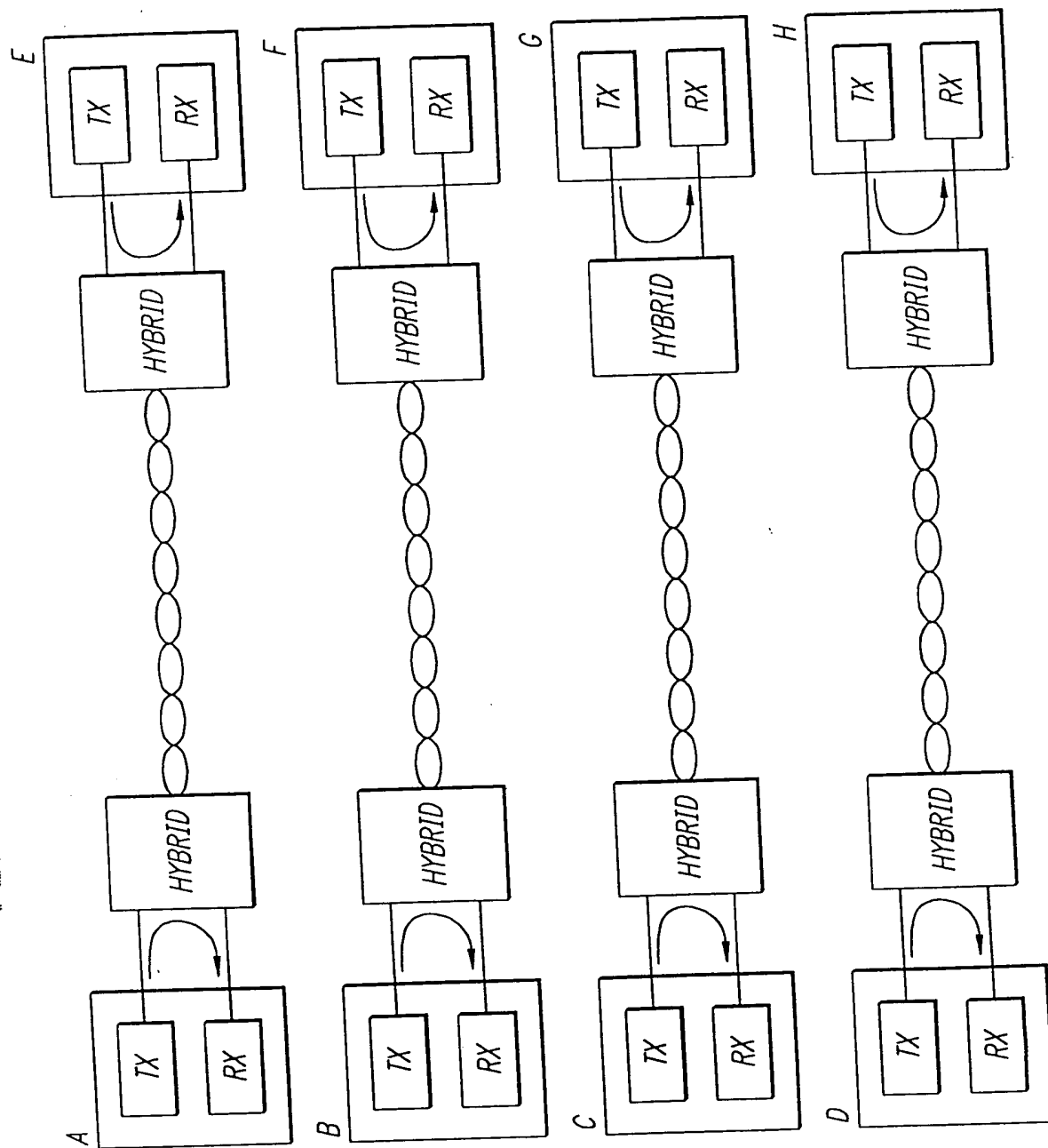


FIG. 2  
PRIOR ART







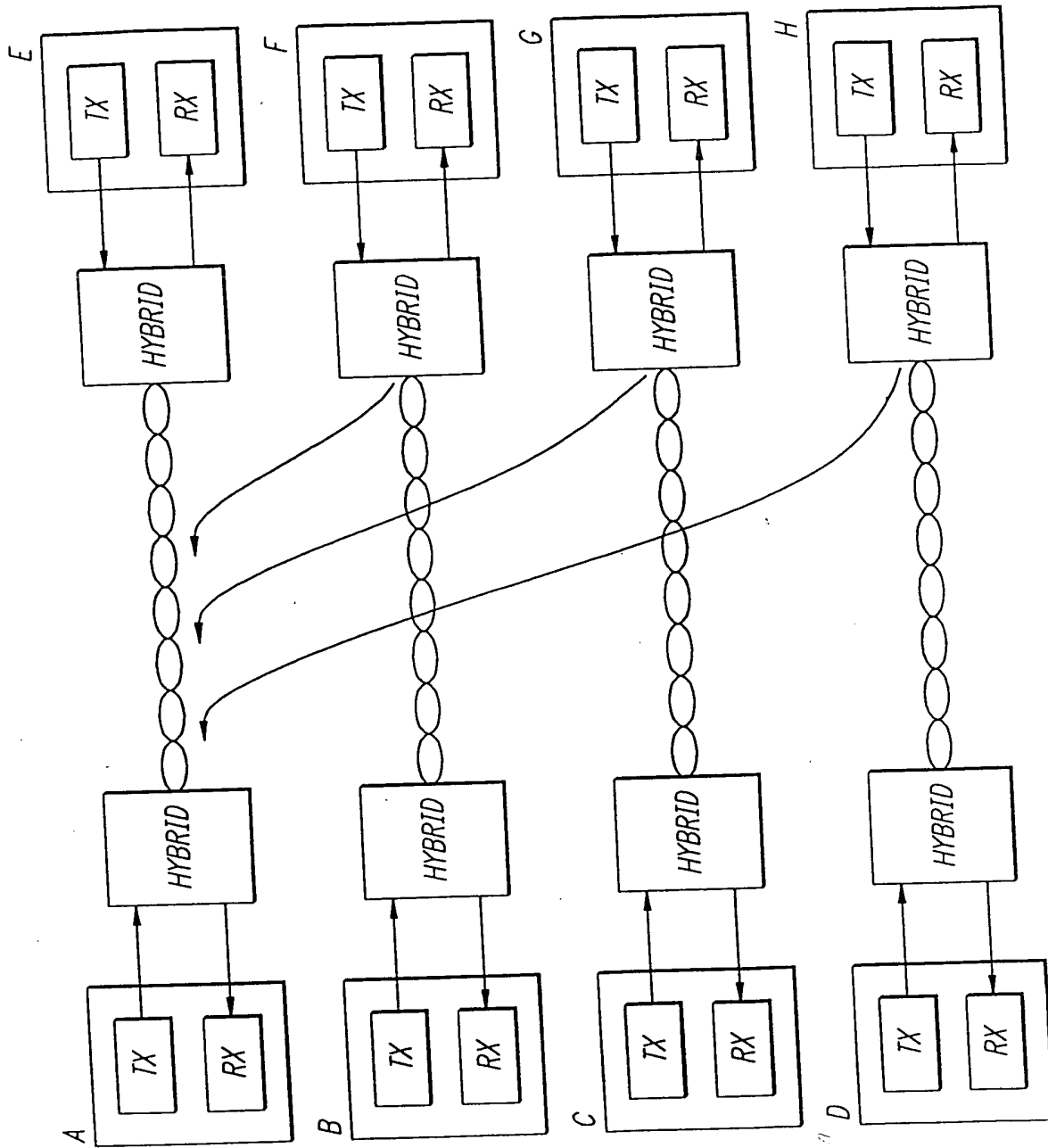
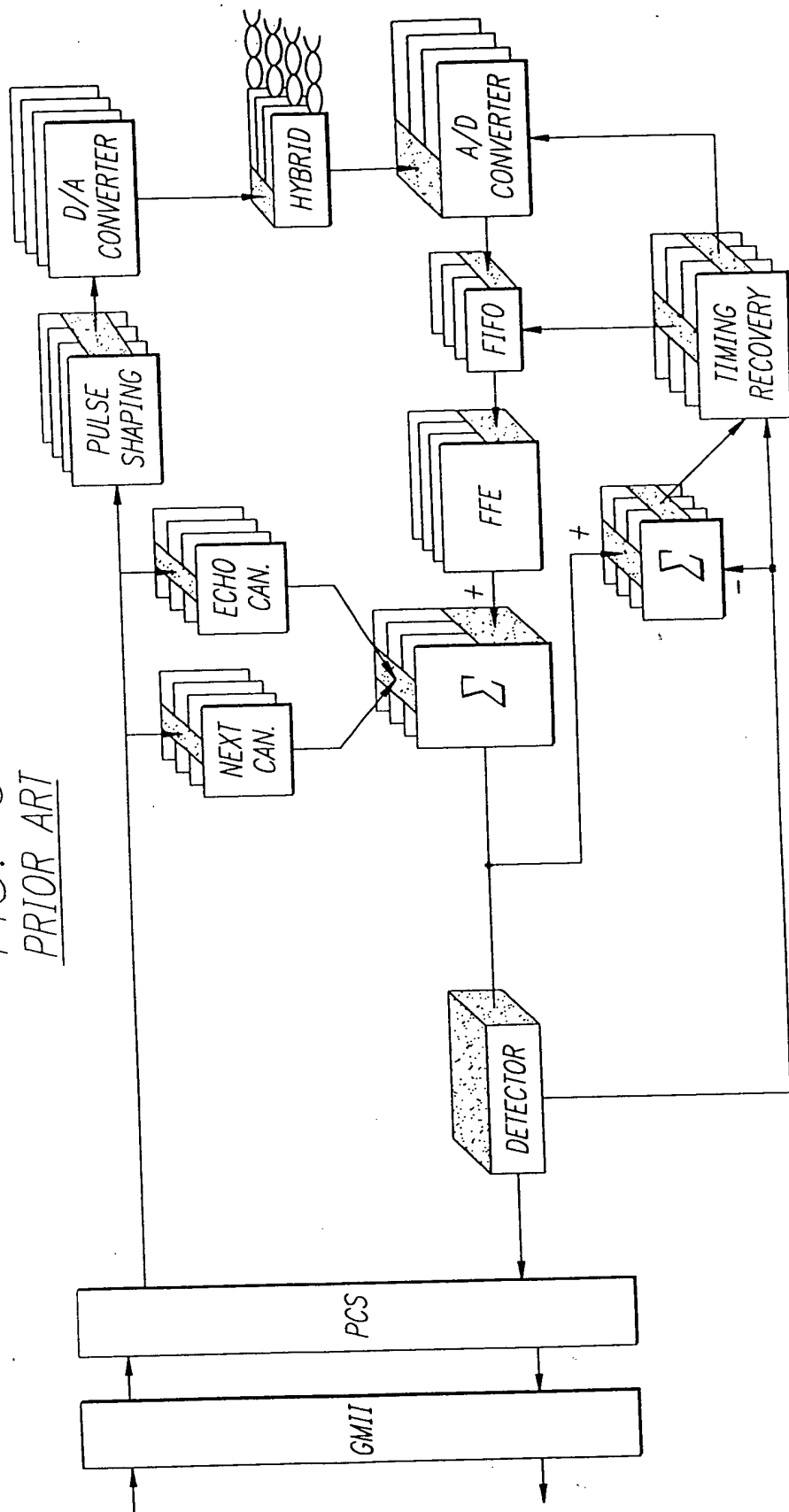


FIG. 6  
PRIOR ART



ECHO PULSE RESPONSE

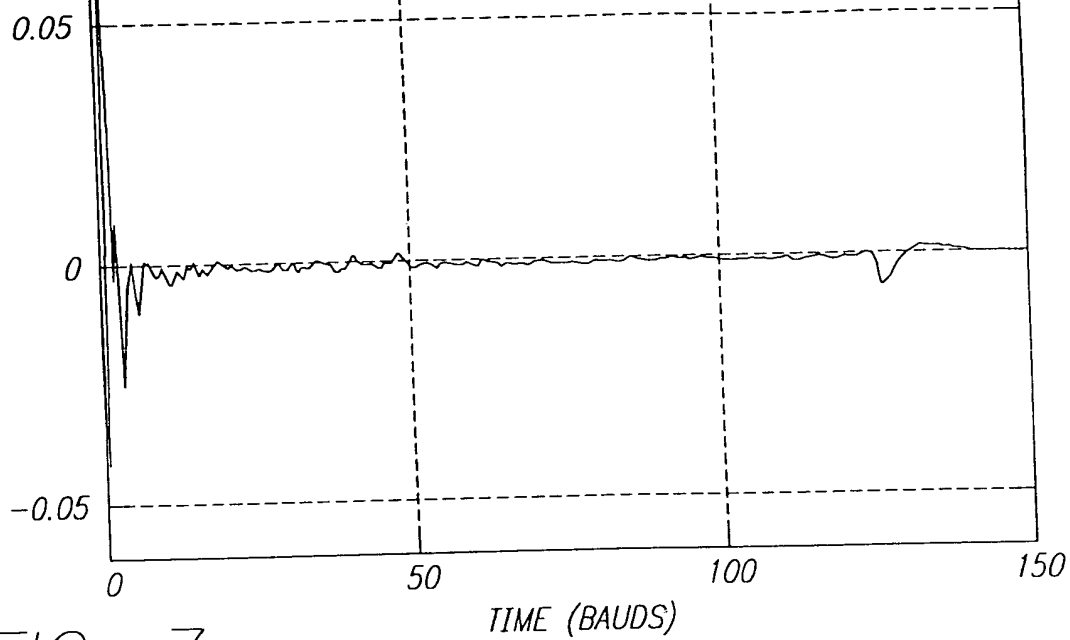


FIG. 7

NEXT PULSE RESPONSE  
( $\times 10^{-3}$ )

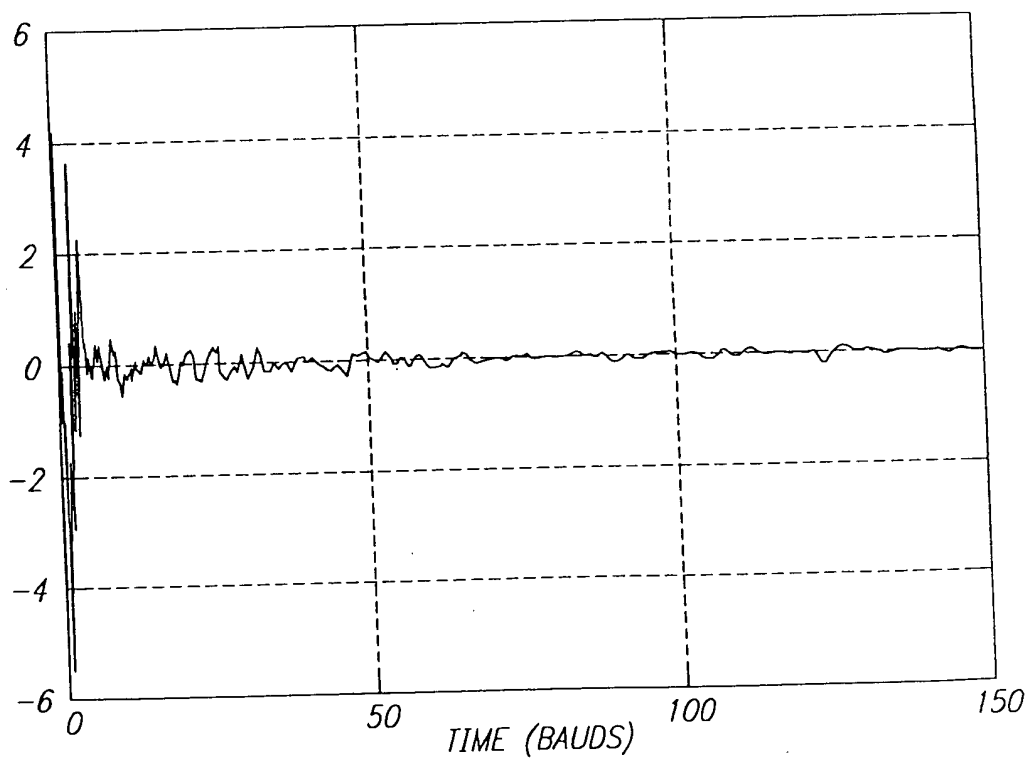
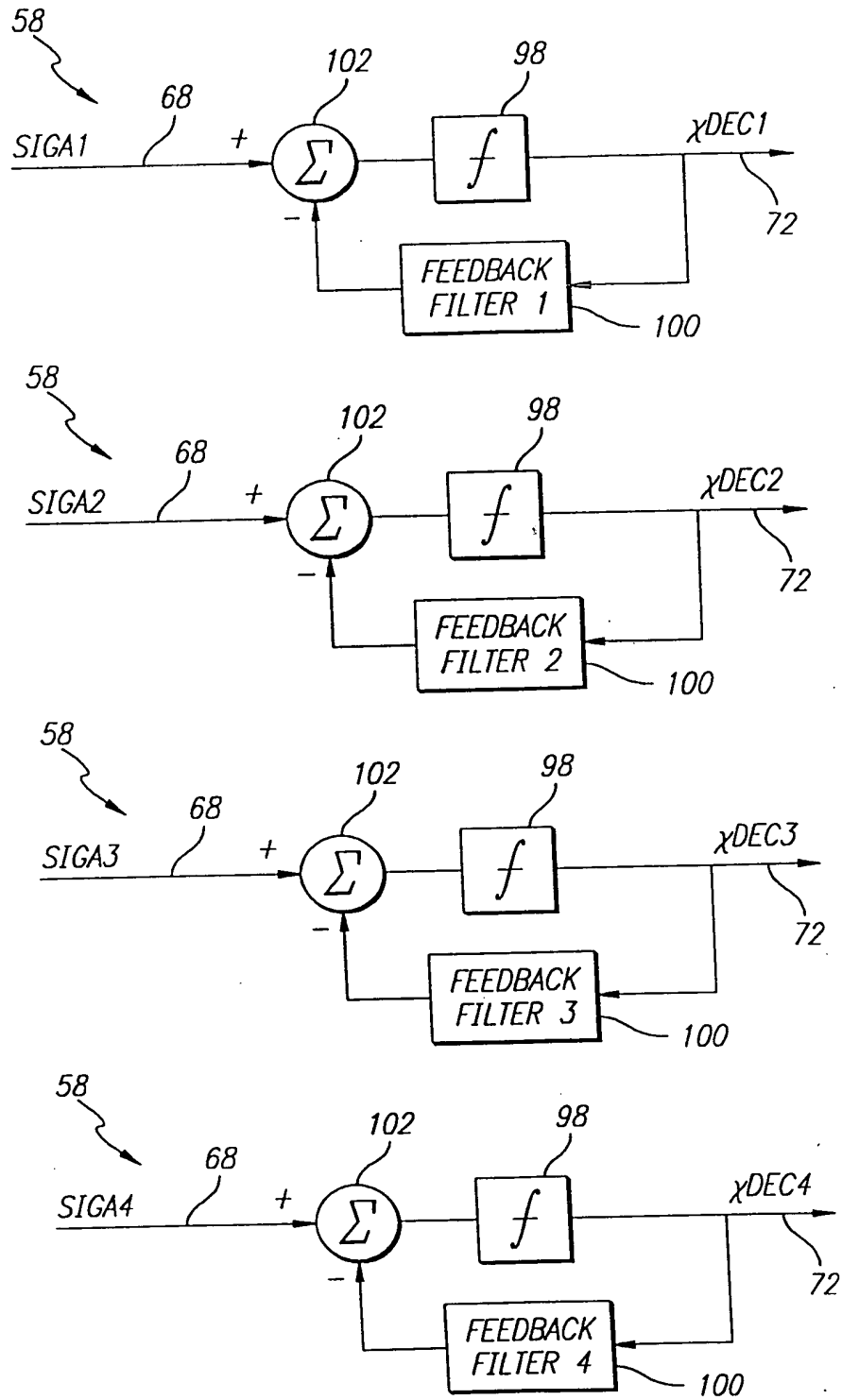


FIG. 8





FIG. 10



0930584-081501  
T05T80-4850E600

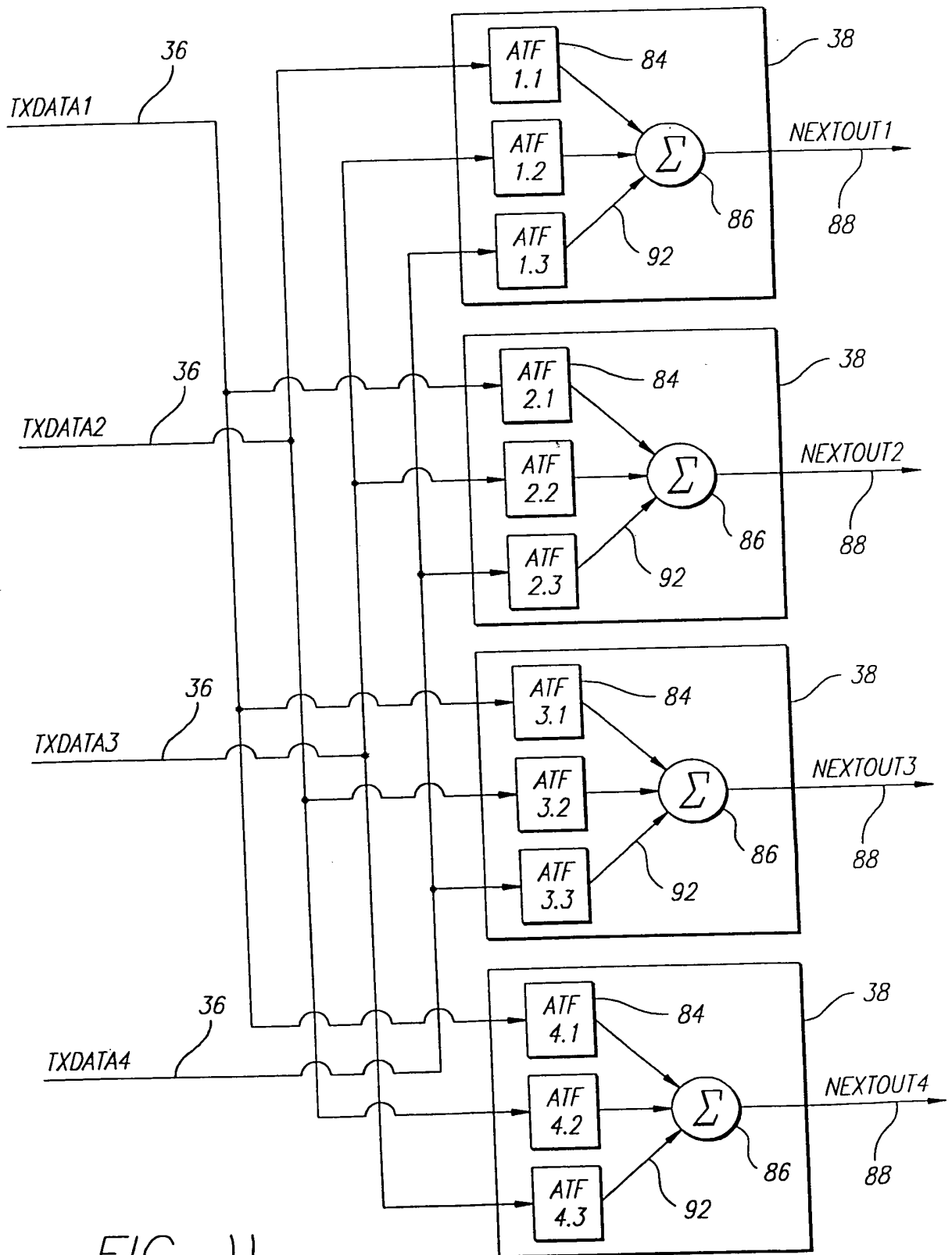


FIG. 11

0930554 081501  
T05T80 4950E660

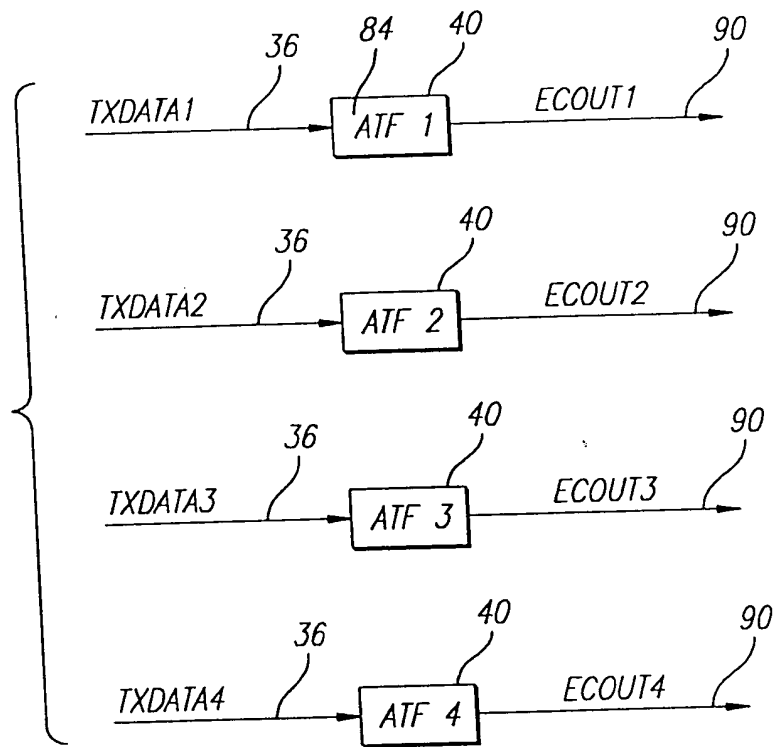


FIG. 12

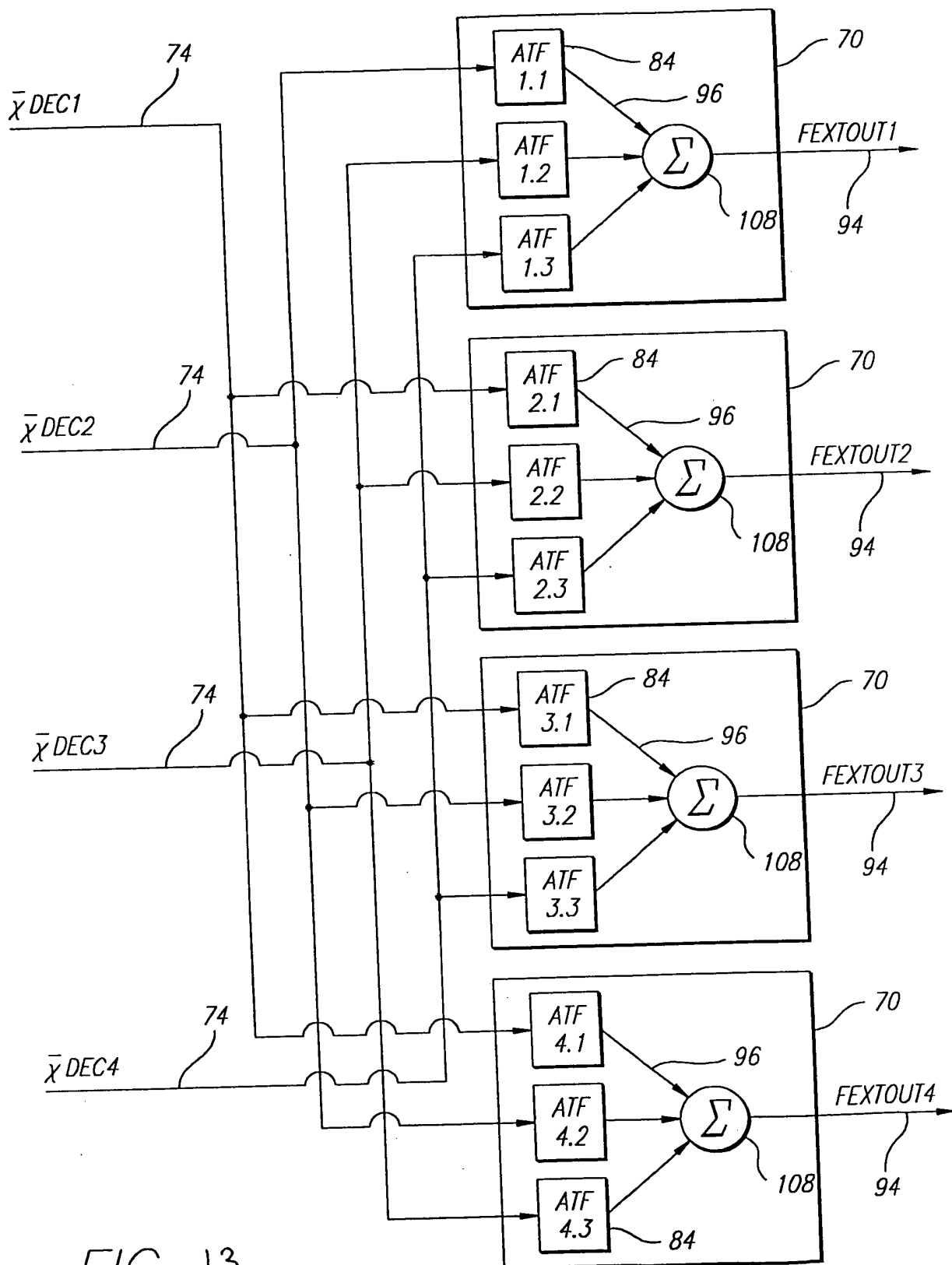


FIG. 13

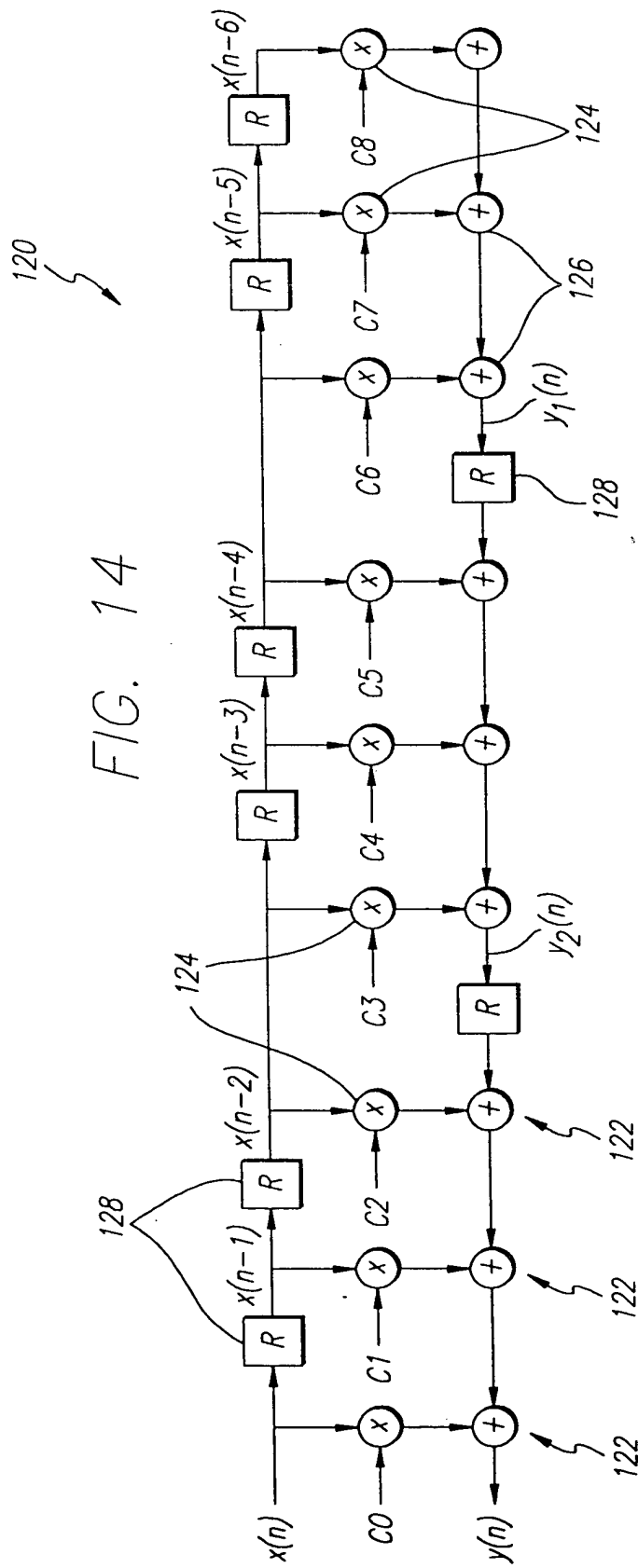
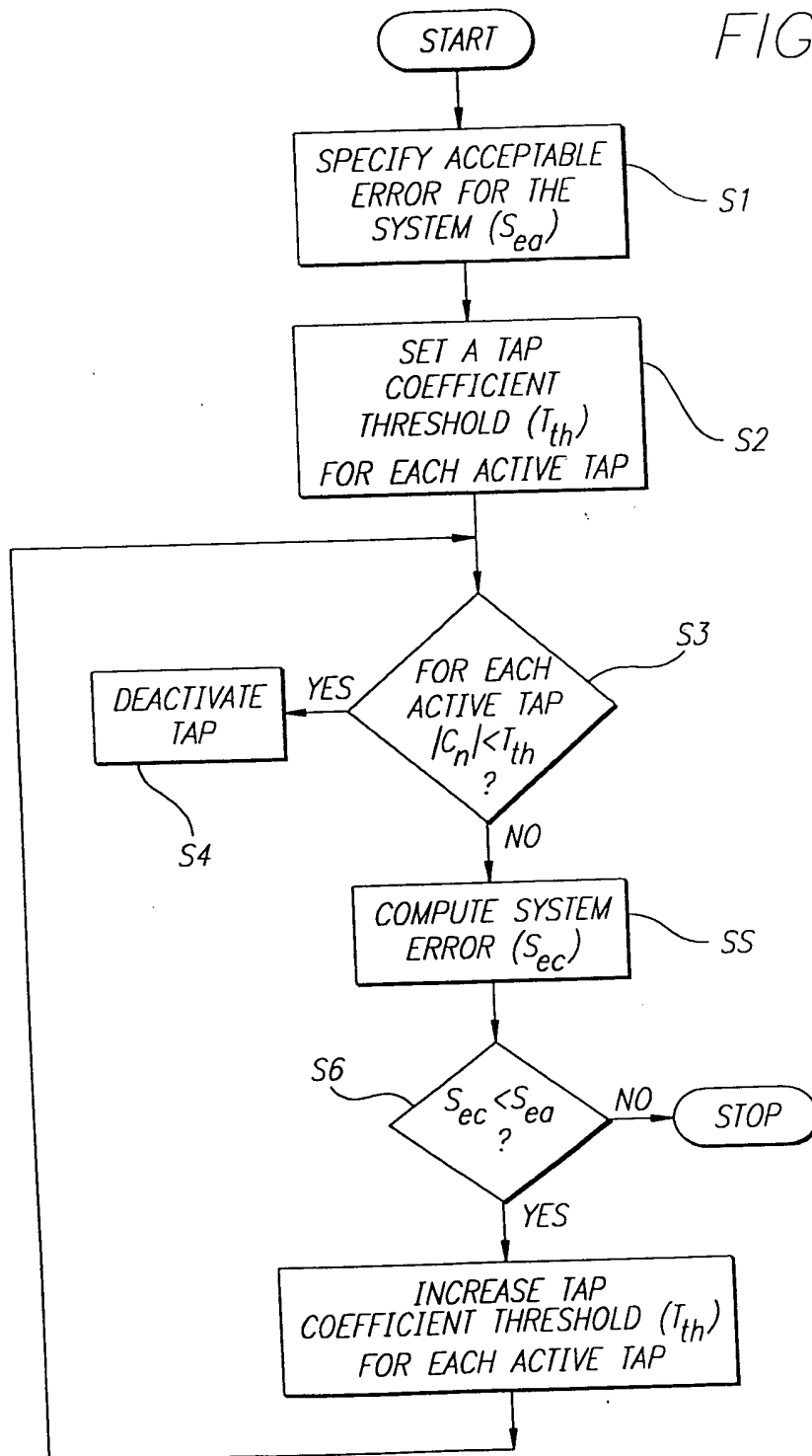


FIG. 15



405180" 4850E660

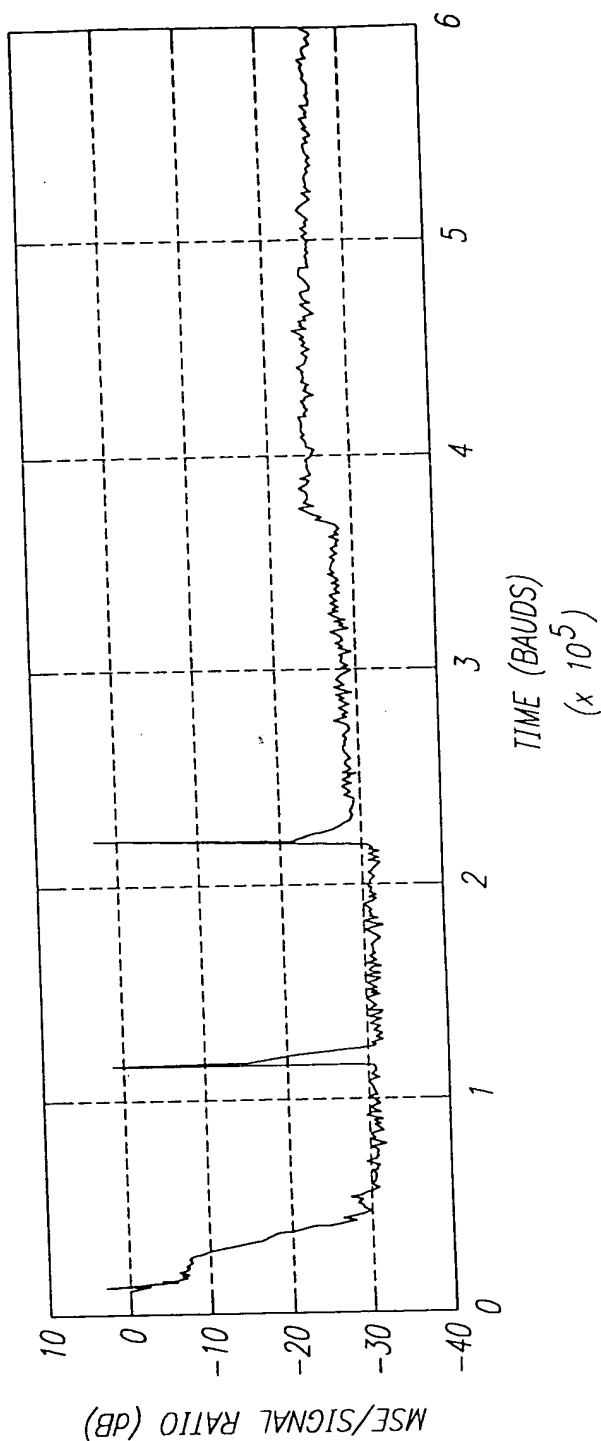
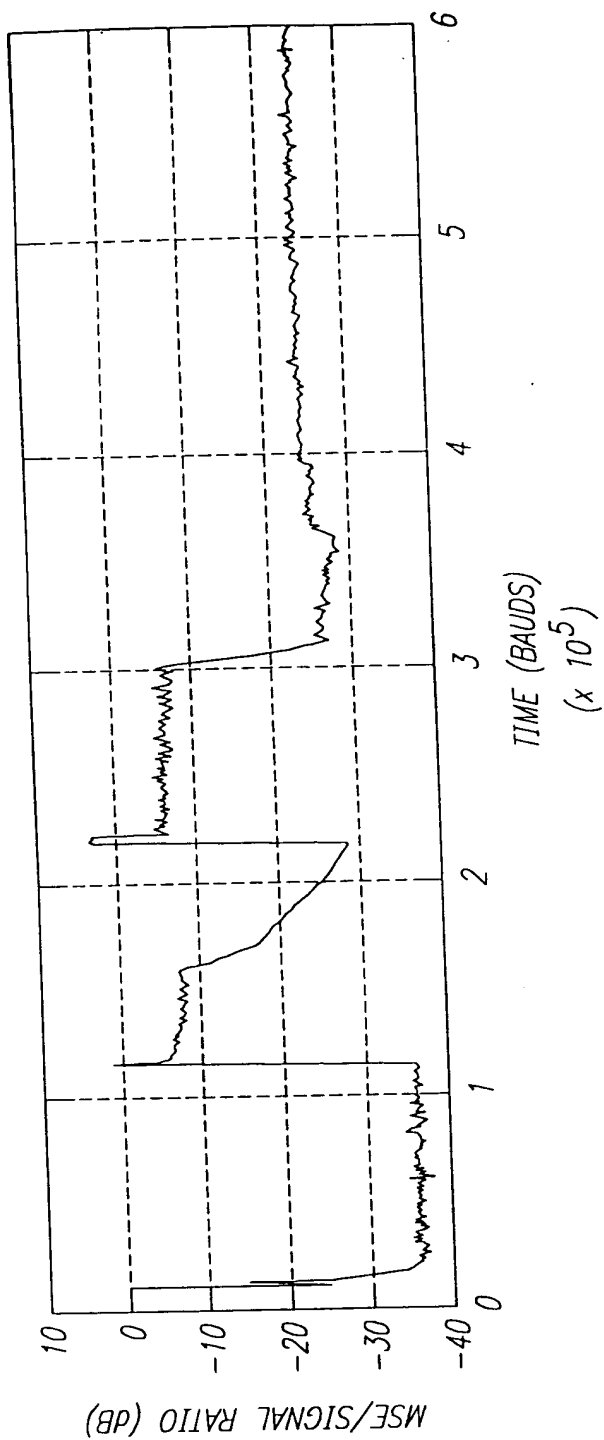


FIG. 16

FIG. 17

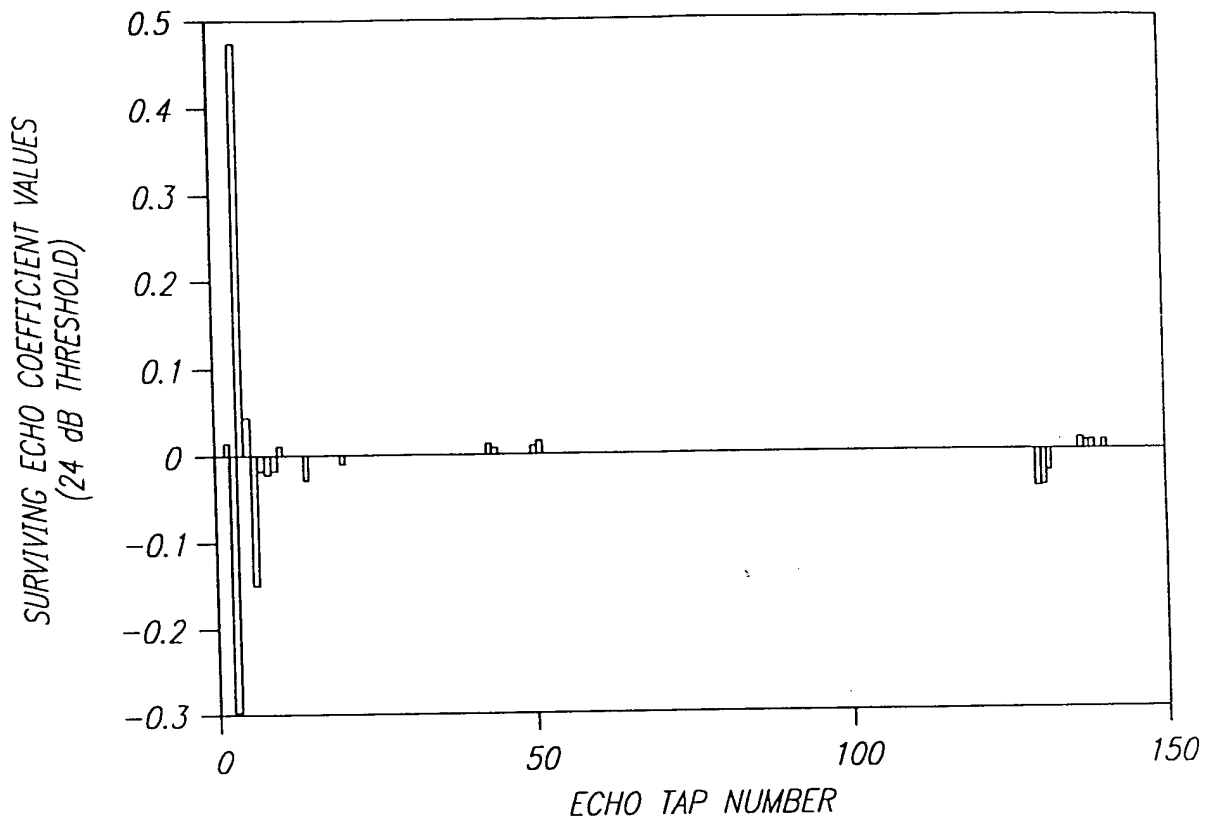


FIG. 18

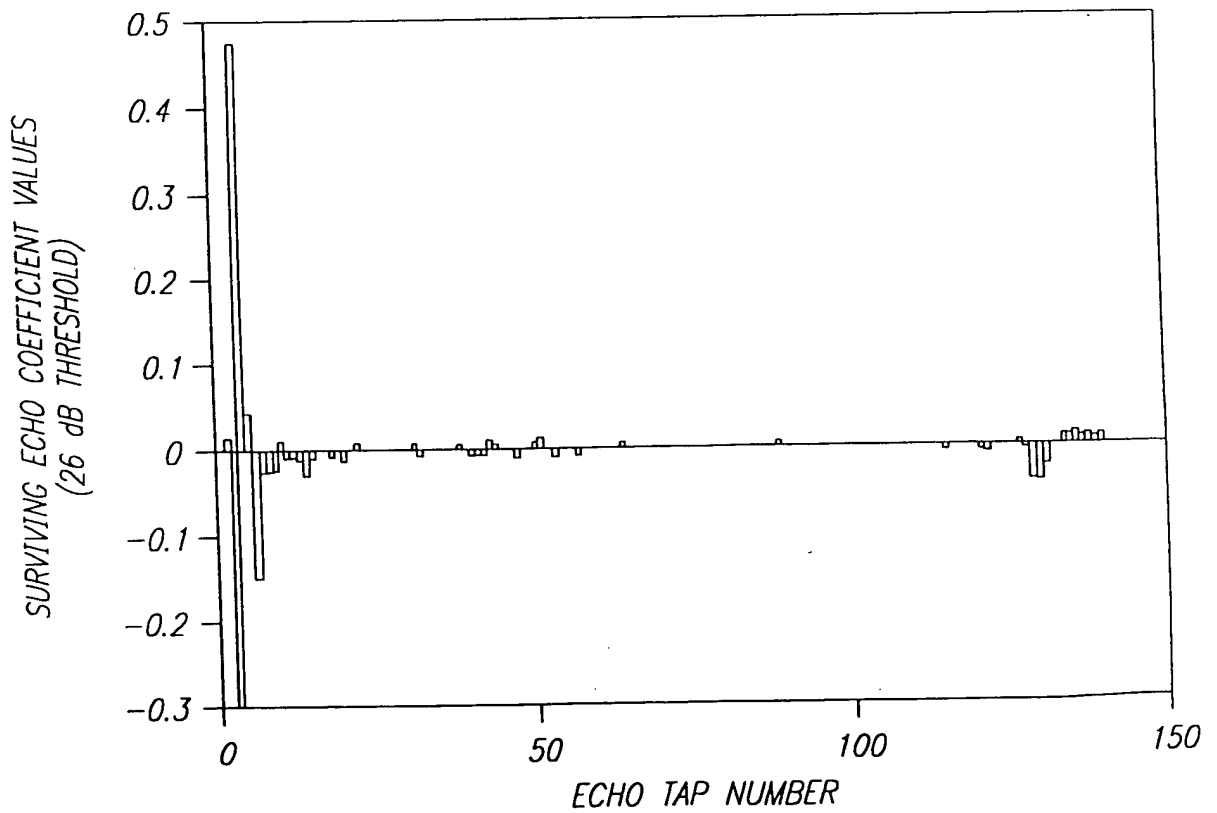




FIG. 19

